

RE: Follow-up CCT Plant Use Survey (including consent forms) attached

Marc Stifelman to: Adzic Marko SPOK

Cc: "McCaig Kris SPOK", Laura Buelow, Matt Wilkening, Monica Tonel

09/20/2012 08:29 AM

From: Marc Stifelman/R10/USEPA/US

To: "Adzic Marko SPOK" <Marko.Adzic@teck.com>

Cc: "McCaig Kris SPOK" <Kris.McCaig@teck.com>, Laura Buelow/R10/USEPA/US@EPA, Matt Wilkening/R10/USEPA/US@EPA, Monica Tonel/R10/USEPA/US@EPA

Marko,

Thanks for your review. I hope I've answered your questions, below.

Please call me if you'd like to discuss this further.

Regards,

-Marc

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Thank you for forwarding the final set of questions regarding the follow-up on plant use. I am pleased to see that the questions have been focused accordingly. I am curious however as to next steps and overall timing. Therefore any information you have developed on this matter would be greatly appreciated.

We are currently awaiting approval from EPA Human Subjects Research to confirm that this work remains exempt from EPA HSB review. We hope to conduct the follow-up work expeditiously to minimize the time elapsed since the last interviews.

Based on the material provided, it would appear that the plan is to administer these follow-up questions in-person and participants will once again be compensated. What decisional criteria were employed in reaching this path forward as opposed to mailing or calling potential participants?

We are supporting in-person interviews to obtain better responses by referring to the previously prepared plant "flash cards" which include photos to confirm plant identification, as well as multiple names for the same plant. Additionally, the local area map may also improve the accuracy of the responses. Personal contact is also likely to support higher participation rates.

I trust that based on results initially obtained not all individuals require a follow-up on this matter, what is the overall level of effort and required resources anticipated for this, and how critical is the data to help inform the human health risk assessment?

The CCT has identified approximately 115 individuals, from the 2,645 initially selected, for follow-up interview, predominantly by a single experienced interviewer and Cindy Marchand. The objective of the follow-up is to obtain frequency of use, by species and specific activity (a single plant could have multiple uses, with differing frequencies). Exposure Frequency is needed to estimate intake.

Have we performed back-of-the-envelope screening calculations to verify that this level of uncertainty needs to be addressed for the risk assessment, as it represents a critical data gap?

No. Because screening calculations would require assumptions of many unknown parameters, including exposure frequency, converting activities to intakes, and concentrations of COPCs in exposure media, the uncertainties don't support useful calculations.



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Marc Stifelman, Toxicologist  
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"Adzic Marko SPOK"	Marc, Thank you for forwarding the final set...	09/18/2012 07:45:47 AM
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From: "Adzic Marko SPOK" <Marko.Adzic@teck.com>  
To: Marc Stifelman/R10/USEPA/US@EPA  
Cc: Monica Tonel/R10/USEPA/US@EPA, Laura Buelow/R10/USEPA/US@EPA, Matt Wilkening/R10/USEPA/US@EPA, "McCaig Kris SPOK" <Kris.McCaig@teck.com>  
Date: 09/18/2012 07:45 AM  
Subject: RE: Follow-up CCT Plant Use Survey (including consent forms) attached

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Marc,  
Thank you for forwarding the final set of questions regarding the follow-up on plant use. I am pleased to see that the questions have been focused accordingly. I am curious however as to next steps and overall timing. Therefore any information you have developed on this matter would be greatly appreciated. Based on the material provided, it would appear that the plan is to administer these follow-up questions in-person and participants will once again be compensated. What decisional criteria were employed in reaching this path forward as opposed to mailing or calling potential participants? I trust that based on results initially obtained not all individuals require a follow-up on this matter, what is the overall level of effort and required resources anticipated for this, and how critical is the data to help inform the human health risk assessment? Have we performed back-of-the-envelope screening calculations to verify that this level of uncertainty needs to be addressed for the risk assessment, as it represents a critical data gap? I look forward to reviewing your thoughts on this matter in the very near future, and if you have any questions please feel free to call me directly.  
Regards,

Marko Adzic  
Manager, Environmental Engineering

*Deliver what you promise!*

Please note that my phone number recently changed to 509.623.4585.

**From:** Marc Stifelman [mailto:Stifelman.Marc@epamail.epa.gov]  
**Sent:** Thursday, September 06, 2012 11:29 AM  
**To:** Adzic Marko SPOK  
**Cc:** Monica Tonel; Laura Buelow; Matt Wilkening  
**Subject:** Follow-up CCT Plant Use Survey (including consent forms) attached

*(See attached file: Final Follow-Up questionnaire.docx)(See attached file: Follow up consent.doc)(See attached file: Follow up parental Assent.doc)(See attached file: information 15-17 follow up.doc)(See attached file: Information 18 and older follow up.doc)*  
<http://www.neh.gov/about/awards/jefferson-lecture/wendell-e-berry-lecture>

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